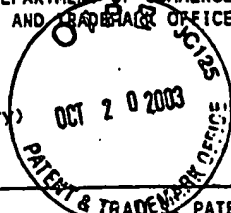


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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
04873/074002SERIAL NO. 10/050,625
09/027,011INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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(37 CFR 1.98(b))

APPLICANT
Paul Dvorkis et al.FILING DATE
March 24, 1998 1/16/02GROUP
3442 2874

PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5 7 4 2 0 3 8	04/21/98	Dvorkis et al.			
AB	5 5 9 1 9 5 4	01/07/97	Spencer			
AC	5 4 4 0 1 1 1	08/08/95	Eastman et al.			
AD	5 4 2 0 4 1 1	05/30/95	Salatto, Jr. et al.			
AE	5 3 3 2 8 9 2	07/26/94	Li et al.			
AF	5 2 8 0 1 6 1	01/18/94	Niwa			
AG	5 2 5 0 7 9 1	10/05/93	Heiman, et al.			
AH	5 2 3 5 1 6 7	08/10/93	Dvorkis, et al.			
AI	5 2 2 9 5 9 1	07/20/93	Heiman, et al.			
AJ	5 2 1 8 1 9 0	06/08/93	Hardesty, et al.			
AK	5 2 0 0 5 9 7	04/06/93	Eastman et al.			
AL	5 1 9 4 7 2 0	03/16/93	Reinnagel, et al.			
AM	5 1 7 0 2 7 7	12/08/92	Bard et al.			
AN	5 1 1 5 3 3 4	05/19/92	Tomita			
AO	5 0 8 1 6 3 9	01/14/92	Synder et al.			
AP	5 0 7 3 9 5 4	12/17/91	Van Tyne, et al.			
AQ	5 0 6 7 0 9 3	11/19/91	Przybylowicz, et al.			
AR	5 0 6 4 2 5 8	11/12/91	Inokuchi, et al.			
AS	5 0 4 7 6 1 7	09/10/91	Shepard, et al.			
AT	5 0 3 4 9 0 4	07/23/91	Moy			
AU	5 0 1 5 8 3 1	05/14/91	Eastman et al.			
AV	5 0 1 3 8 9 5	05/07/91	Iggulden, et al.			
AW	4 9 9 2 6 4 9	02/12/91	Mampe, et al.			
AX	4 9 8 0 5 4 4	10/25/91	Winter			
AY	4 9 3 3 5 3 8	06/12/90	Heiman, et al.			
AZ	4 9 1 6 2 9 8	04/10/90	Raphael			
AAA	4 8 9 6 0 2 6	01/23/90	Krichever, et al.			

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OCT 20 2003

APPLICANT
Paul Dvorkis et al.FILING DATE
March 24, 1998GROUP
2112 2876

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
-	BA 4 8 9 4 7 9 0	01/16/90	Yotsuya, et al.			
	BB 4 8 6 0 2 2 6	08/22/89	Martin, et al.			
	BC 4 8 4 1 1 2 9	06/20/89	Tawara et al.			
	BD 4 8 2 6 2 6 9	05/02/89	Streifer, et al.			
	BE 4 8 2 5 0 4 8	04/05/89	Poland			
	BF 4 8 2 2 9 8 6	04/18/92	Guthmueller, et al.			
	BG 4 8 2 0 9 1 1	04/11/89	Arackellian, et al.			
	BH 4 7 9 5 2 8 1	01/03/89	Ulinksi, Sr., et al.			
	BI 4 7 7 7 3 5 7	10/11/88	Harada, et al.			
	BJ 4 7 2 1 8 6 0	01/26/88	Troendle			
	BK 4 7 0 5 9 3 9	11/10/87	Ulinksi, Sr.			
	BL 4 6 5 2 7 5 0	03/24/87	Eastman, et al.			
	BM 4 6 4 1 0 1 8	02/03/87	Mazumder, et al.			
	BN 4 6 0 6 6 6 0	08/19/86	Bradshaw, et al.			
	BO 4 5 7 0 0 5 7	02/11/86	Chadima, Jr., et al.			
	BP 4 5 6 0 8 6 2	12/24/85	Eastman et al.			
	BQ 4 5 5 5 1 6 4	11/26/85	Feinbloom			
	BR 4 5 3 8 8 9 5	09/03/85	Higgins, et al.			
	BS 4 5 0 8 6 8 6	04/02/85	Shaber, et al.			
	BT 4 5 0 0 7 7 6	02/19/85	Laser			
	BU 4 3 6 9 3 6 1	01/18/83	Swartz, et al.			
	BV 4 3 6 0 7 9 8	11/23/82	Swartz, et al.			
	BW 4 1 9 9 8 1 6	04/22/80	Humphrey			
	BX 3 8 7 1 7 4 8	03/18/75	Day			
	BY 3 7 9 0 7 5 6	02/05/74	Graves, et al.			
	BZ 3 7 8 0 2 7 0	10/18/73	Faulkner, et al.			
	BAA 3 3 9 6 3 4 4	08/06/68	Broom			
	BAB 3 0 5 1 0 5 1	08/28/62	Jeffree			

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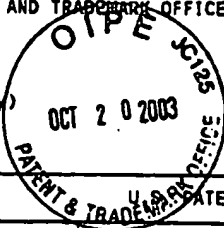
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(37 CFR 1.98(b))

APPLICANT
Paul Dvorkis et al.FILING DATE
March 24, 1998

1/16/02

GROUP
2112 2876

PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
-	CA						
	CB						
	CC						
	CD						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION.	
							YES	NO
	CE	WO 94/01835	01/20/94	PCT				
	CF	WO 93/18478	09/16/93	PCT				
	CG	0 589 361	03/30/94	Europe				
	CH	0 492 065	01/07/92	Europe				
	CI	0 385 478	09/05/90	Europe				
	CJ	0 249 713	12/23/87	Europe				
	CK	3602008	07/30/87	Germany				ABSTRACT
	CL	0198175	08/29/91	Japan				YES
	CM	3-127191	05/30/91	Japan				ABSTRACT
	CN	1-93871	04/12/89	Japan				YES
	CO	61-120283	06/07/86	Japan				ABSTRACT
	CP	55-88172	07/03/80	Japan				ABSTRACT

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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

CQ	"Quick Check 500" Brochure, Photographic Sciences, 2 pages, 1989
CR	Barkan, Automatic I.D. News, "Author Verifies the Key to Bar Coding Success", (Nov. 1988)
CS	Grabowski, et al., "Code Reading Mechanical Scanning Gun", IBM Technical Disclosure Bulletin, Vol. 5, No. 5 October 1962

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SUBSTITUTE FORM PTO-1449
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INFORMATION DISCLOSURE
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(37 CFR 1.98(b))

APPLICANT
Paul Dvorkis et al.FILING DATE
March 24, 1998

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PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	AB						
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	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	6-150039	5/1994	Japan				Abstract
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AQ							
	AR							
	AS							

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO:
04873/074002

SERIAL NO.
09/047,011 10/050,625

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(37 CFR 1.98(b))

APPLICANT
Paul Dvorkis et al.

FILING DATE
March 24, 1998

1/14/02

GROUP
2412 2876

PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5 4 3 8 1 8 7	08/01/95	Reddersen et al.	235	462	
AB	5 3 0 4 7 8 8	04/19/94	Metlitsky et al.	235	467	
AC	5 2 9 1 3 1 9	03/01/94	Harris	359	18	
AD	5 2 5 4 8 4 4	10/19/93	Krichever et al.	235	462	
AE	5 2 3 3 1 7 0	08/03/93	Metlitsky et al.	235	462	
AF	5 2 1 0 3 9 8	05/11/93	Metlitsky	235	462	
AG	4 7 4 8 3 1 6	05/31/88	Dickson	235	454	
AH						
AI						
AJ						
AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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						YES	NO
AL	60-195639	3/1984	Japan				abstract
AM							
AN							
AO							
AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

AQ	Yamazaki et al, "New Holographic Technology for a Compact POS Scanner," Applied Optics, Vol. 29, No. 11 (April 1990)
AR	
AS	

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04873/074002

SERIAL NO.
~~09/047,011~~ 10/050625

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OCT 20 2003

APPLICANT
Paul Dvorkis et al.

FILING DATE
~~March 24, 1998~~

1/16/02

GROUP
~~2412~~ 2874

(37 CFR 1.98(b))

PATENT & TRADEMARK OFFICE

PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5	6	7	1	0	8	4	09/23/97	Kurtz	359	362	
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	AC												
	AD												
	AE												
	AF												
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	AI												
	AJ												
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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AL							
AM							
AN							
AO							
AP							

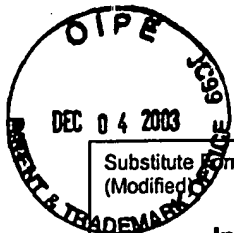
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04873-074002	Application No. 10/050,625
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Dvorkis et al.	
		Filing Date January 16, 2002	Group Art Unit 2876

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KOB	AA	6575368	06/10/03	Tamburrini et al.			
1408	AB	5149949	09/22/92	Wike, Jr.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 8/8/04
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